DEC’s Municipal Roads General Permit
MRGP Coverage

Discharges of Stormwater (SW) from municipal roads including:

• Town highways, Classes 1-4

• SW infrastructure associated with town highways under the operational control of the municipality

Exemptions:

• **Unorganized towns and gores exempt** from MRGP permit

• **MS4 towns**- exempt from MRGP fee and permit application but MRGP standards implementation will be required in future SW Management Plans
What is not covered by the MRGP

• Perennial stream crossing replacements or retrofits

• Road embankment streambank or lakeshore stabilization-related to stream or wave erosion

• Standard implementation considered infeasible if the implementation of that practice will trigger another state or federal permit (except non-reporting permits such as ACOE Self-Verified)
MRGP Timeline of Deliverables (Near-Term)

- **Summer-Fall 2017**: MRGP public hearings and comments
- **January 2018**: MRGP Issued
- **July 31, 2018**: Municipalities apply for MRGP coverage (NOI) and pay fees
- **2021 and 2022**: Required implementation of priority road projects. A minimum of 15% of non-compliant segments upgraded to meet standards in 2021 and 2022
- **Starting in 2019**: Annual Reports due April 1st
- **December 31, 2020**: Initial Road Erosion Inventory and Implementation Table Due
December 31, 2025

On-going MRGP practice implementation and maintenance throughout 2023

All Very High Priority segments (except Class 4) upgraded 2025

December 31, 2025

December 31, 2028

All Class 4 Very High Priority segments upgraded 2028

December 31, 2028

December 31, 2036

All connected roads meet MRGP Standard. On-going practice maintenance forward

Annual MRGP schedule updates- due April 1st
Hydrologically-Connected Road Segments
Road Stormwater Management Plan Components

- Inventory
- Prioritize – Implementation Table
- Implement
Separate REIs and standards for:

- Paved and gravel roads with ditches
- Paved roads with catch basins
- Class 4 roads

REI “scores” for each 328 foot segment:

- Fully Meets
- Partially Meets or
- Does Not Meet
Approximately half of connected roads already meet the MRGP Standards.
Implementation Prioritization

- Towns will submit REI results and Implementation Tables by 12/31/2020
- All “connected” roads brought up to MRGP standards no later than 12/31/2036
Very High Priority (VHP) Segments Criteria

Gravel and Paved Roads with Drainage Ditches:
• *Does Not Meet* MRGP on slopes >10%

Paved Roads with Catch Basins:
• *Does Not Meet* with outfall erosion of 3 cubic yards or more

Cubic yards = (length x width x depth)/27

Class 4 Roads:
• *Does Not Meet* MRGP (gully erosion) on slopes >10%
Very High Priority Segments Implementation Schedule

VHP Paved and Gravel Roads with Ditches:
• Shall meet standards by 12/31/2025

VHP Class 4 roads:
• Shall meet standards by 12/31/2028

VHP Paved Roads with Catch Basins:
• Shall meet standard by 12/31/2025

(Gully erosion)
<table>
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<th>Segment ID</th>
<th>TH Number</th>
<th>Road Name</th>
<th>Change in Connectivity</th>
<th>Road Type</th>
<th>Segment Slope %</th>
<th>Date of Assessment</th>
<th>Assessor</th>
<th>Organization</th>
<th>Assessment Reason</th>
<th>Assessment Reason Notes</th>
<th>Roadway Crown/Travel Lane</th>
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Implementation Table Components

- Road Erosion Inventory (REI) results

- Connected segments *Fully Meeting, Partially Meeting,* and *Not Meeting* MRGP Standards - report any segment status changes

- Lists all segments upgraded to meet MRGP Standards in previous calendar year
MRGP Implementation Example

Town A. has 52 total road miles (VT average)

- 26 road miles are *hydrologically-connected* road segments
- 26 miles not considered *connected* (no BMP work needed)
- 13 *connected* road miles currently fully meet MRGP standards (maintenance of BMPs only)
- 13 remaining *connected* miles – required to be brought up to MRGP Standards before 2036
- 15% of 13 miles = 1.95 miles or 31.2 segments will be brought up to standards over a 2 year period 2021 and 2022
Annual Reports due April 1\textsuperscript{st} – starting in 2019

• Status of Road Erosion Inventory completion (2019 and 2020 reports)

• Documentation of segment upgrades during the previous calendar year

• Changes to segment compliance status
MRGP Principles

First – Disconnect road
Stormwater whenever possible, starting at the top of the road watershed

Second – Infiltrate stormwater

Third – Stabilize conveyances and turn out ditches
Implementation “Triggers”

Required baseline standards - no matter what existing conditions are:

• Road grading/crowning

• Grass and stone-lined ditching (based on slope) or distributed flow

• Removal of grader berm

• Lowering of shoulders

• Stable turnouts

Practices are required when moderate (rill) to severe (gully) erosion present and for new construction:

• 18” drainage culvert minimum- (Culvert sizing information for intermittent streams available)

• 15” drive culvert

• Culvert headwalls/headers

• Culvert outlet stabilization

• Class 4 roads - gully erosion present

• Catch basin outfall erosion
Types of Erosion

Rill erosion 1” to <12” deep

Gully erosion 12” plus
Seed and mulch or stone stabilization required for any work on connected roads within 5 days of disturbance (starting this field season)
New MRGP Fees?

Fees established through the 2015 Legislative Fee Bill

- $240/Administrative processing fee- due 7/31/18 twice every permit cycle (is considered a major permit amendment)

- $400/application fee- due 6/1/19 (once every permit cycle)

- $2,000/annual operating fee- due 6/1/19
MRGP Summary for Municipalities:

- **July 31, 2018:** MRGP application coverage – Notice of Intent and annual fees begin
- **April 1, 2019:** Annual Reporting begins
- **December 31, 2020:** Road Erosion Inventories and Implementation Plans due
- **2021 Field Season** (or sooner): Road upgrades begin
- **December 31, 2025** (or sooner): All *Very High Priority* segments brought up to standards, except Class 4’s
- **December 31, 2028** (or sooner): All *Very High Priority* Class 4 roads brought up to standards
- **December 31, 2036** (or sooner): all connected roads meet MRGP standards
Assistance to Towns

• Funding – *New Municipal Grant-in-Aid*

• Outreach and Technical Assistance

• Shared Equipment
Grant in Aid – FY18 Results and FY19 Funding

FY 18 GIA – Actual Funding:

- 186 participating towns – 70% participation
- $2.6 million
- Approximately 42 road miles will be brought up to the new MRGP standards by July 1, 2018.

FY 19 GIA – $2.9 million (anticipated)
VTrans and DEC Road Roundtable Trainings

Spring 2018 Roundtable Forums schedule:

- 4/26 Wallingford
- 5/3 Bellows Falls
- 5/10 Hinesburg
- 5/17 Groton
- 5/24 Wolcott
For Additional Information:
http://dec.vermont.gov/watershed/stormwater/permit-information-applications-fees/municipal-roads-program#Development of Permit

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